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मानक

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IS 7511-5 (1986): Dimensions For Neck Finishes, Part 5:
Vial goldie seal glass finishes [CHD 10: Glassware]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

DIMENSIONS FOR NECK FINISHES

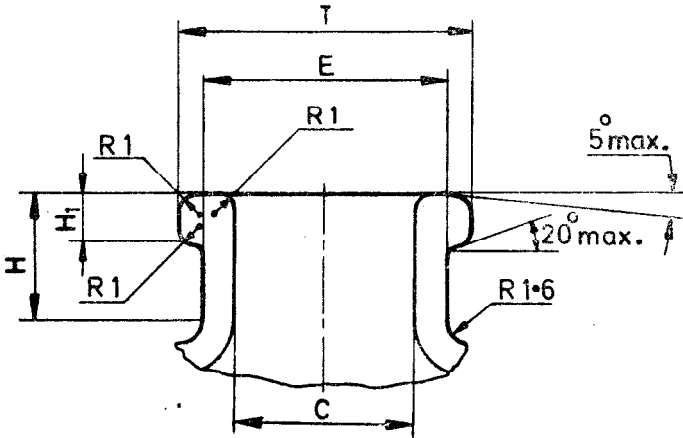
PART 5 VIAL GOLDIE SEAL GLASS FINISHES

(First Revision)

1. Scope — Specifies dimensions for vial goldie seal glass finishes.
2. Dimensions
- 2.1 The dimensions of vial goldie seal glass finishes shall be as given in Table 1.
- 2.2 Sealing Surfaces — The sealing surface shall be flat and in addition shall conform to the dimensions given in Table 1. The surface shall be as regular and smooth as possible.

TABLE 1 DIMENSIONS FOR VIAL GOLDIE SEAL GLASS FINISHES

All dimensions in millimetres.



No. or Size	T		E*		C		H*		H ₁	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
13	13.35	12.95	10.65	10.15	7.25	6.85	8.25	7.75	3.95	3.45
14	14.20	13.80	12.75	12.25	9.20	8.80	8.25	7.75	4.00	3.50
20	20.25	19.75	17.25	16.75	12.80	12.40	9.00	8.50	3.50	3.00

*The dimensions are recommendatory.

3. Checking and Inspection
- 3.1 All essential dimensions may be ascertained by any appropriate method of measurement. However a procedure of gauging and details of gauges have been given in Fig. 1.

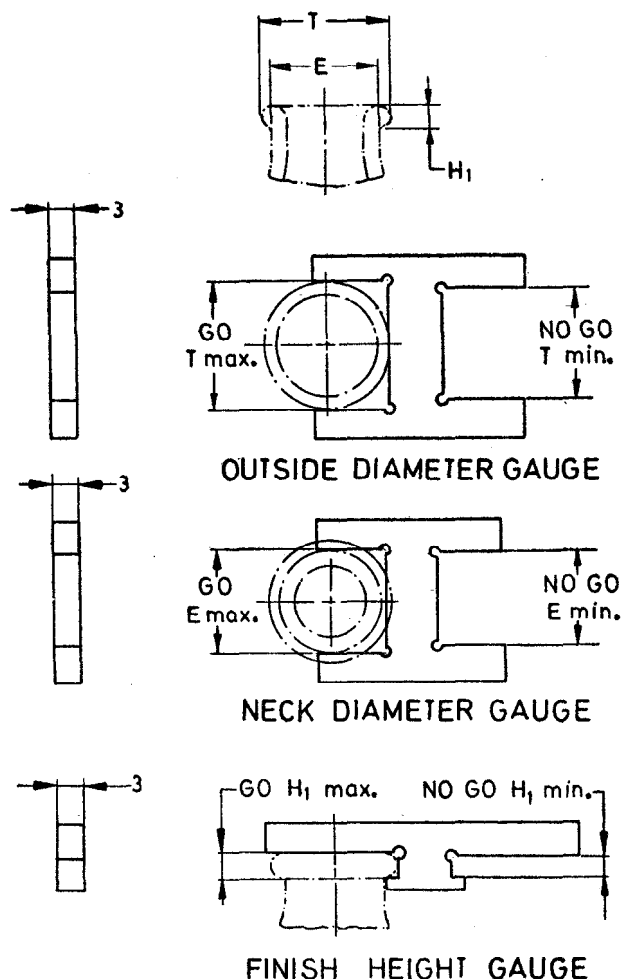


FIG. 1 GAUGES FOR GOLDIE (VIAL) SEAL GLASS FINISH

EXPLANATORY NOTE

A variety of glass finishes are now being produced by the glass containers industry. Most of these finishes are being used by packers who have facilities for high speed filling and capping operations. Consequently it has become necessary to standardize upon the dimensions of different types of glass finishes.

This standard was first issued in 1974 titled 'Summary sheet on glass containers neck finishes'. As the standard mainly lays down the dimensions for various types of neck finishes for glass containers, the standard has been retitled as 'Dimensions for neck finishes'. Since its first issue, it was observed that a number of sizes recommended under the shallow continuous thread finish range were not in use. On the contrary, a number of sizes, not included in earlier issue were very popular with the industry. Also glass neck finishes not included in the first version were popular with the trade. In view of this, the revision of the standard became necessary.

The following are some of the changes made in this revision:

- The sizes of various neck finishes not in use were deleted and the additional sizes included.
- A new glass finish range namely, shallow continuous deep thread finish, has been included.
- Certain individual dimensions of glass neck finishes have been revised in view of the limitations posed by the glass container manufacturing processes.

- d) Vacuum lug finishes which have recently become very popular with wide mouth glass containers have also been included in the present revision. These finishes are non-pilferproof.
- e) The notations representing different glass finish dimensions have been changed to be in conformity with internationally accepted practices.
- f) Tall continuous neck finish has been deleted as the same is no longer popular.

This standard is being issued in the following parts:

- Part 1 Shallow continuous thread finish (R3);
- Part 2 Shallow continuous thread finish for deep screw caps (R3/D);
- Part 3 Roll-on threads non-pilferproof (RONPP);
- Part 4 Roll-on threads pilferproof (ROSPP);
- Part 5 Vial goldie seal glass finishes;
- Part 6 Dual neck finish;
- Part 7 Crown finish; and
- Part 8 Vacuum lug finish.

While preparing this standard, assistance has been derived from the following:

- ISO 8162-1985 Glass containers — Tall crown finishes — Dimensions, issued by International Organization for Standardization (ISO);
- ISO 8163-1985 Glass containers — Shallow crown finishes — Dimensions, issued by International Organization for Standardization (ISO);
- ISO/DP 9100 Glass containers — Vacuum lug finishes for wide mouth container — Dimensions, issued by International Organization for Standardization (ISO);
- BS 1918 : Part 1-1978 Glass container finishes: Part 1 Specification for continuous thread finish, issued by British Standards Institution (BSI); and
- BS 1918 : Part 2-1981 Glass container finishes: Part 2 Specification for crown finish, issued by British Standards Institution (BSI).